



## ecology and environment, inc.

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*International Specialists in the Environment*



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TO : Les Sprenger, FIT-RPO  
FROM : Susan Kennedy, E&E FIT  
DATE : August 24, 1987  
SUBJECT: Transmittal of Revised Analytical Results Report of  
Air Sampling at Richardson Flat Tailings,  
TDD R8-8608-05.

Attached is the revised Analytical Results Report of Air Sampling at Richardson Flat Tailings, TDD R8-8608-05. In response to Utah Bureau of Solid and Hazardous Waste comments on the Air ARR, dated February 24, 1987 (attached), the following adjustments have been made.

1. Table 3 has been amended to include data qualifiers.
2. Because the laboratory was required by contract to provide IDL (instrument detection limit) data in units of  $\mu\text{g}/\text{filter}$ , and did not, reference to "pending action or verification" was made in the SAS validation package. Appropriate unit conversions were made by FIT during the development of Tables 1 through 4 of the Air ARR. Secondly, the lab failed to include % RSD (relative standard deviation) values as required by contract. The values would further substantiate close agreement of duplicate sample results, but would not change data validity or interpretation.
3. The Site Inspection form has been updated based on current information.

If you have any questions or comments, please call me at 757-4984.

cc: David Schaller (1 copy)  
Paula Schmittiel (2 copies)



BSHW-9585-26

Norman H. Bangerter  
Governor

Suzanne Dandoy, M.D., M.P.H.  
Executive Director

February 24, 1987

Paula Schmitt diel  
U.S. EPA, Region VIII  
One Denver Place, Suite 1300  
999 18th Street  
Denver, CO 80202-2413

Dear Ms. <sup>Paula</sup> Schmitt diel:

The following are the State's comments on the Analytical Results of Air Sampling, Richardson Flat, Park City, Utah. EPA verbally requested that these comments be prepared on February 19, 1987.

The majority of the State's comments on the sampling effort were prepared on December 30, 1986 in response to the Sampling Activities Report. These comments remain valid and are attached. Additional State comments follow.

*E&E should have copy of this as well as response.*  
Text

- Table 3 of the text should have the same data qualifiers as Table 1.
- The data in Table 3 imply that the airborne concentrations of contaminants are at the laboratory's detection limit for analyses where the analyte was undetected. This portrayal is misleading.
- The SAS data validation package states that the air data is preliminary, pending action or verification. Has the action or verification been performed?

SI Form

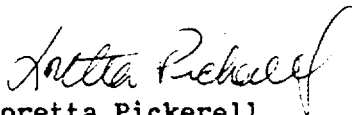
- No population figures are given for ground water, direct contact, drinking water contamination, worker exposure/injury, population exposure/injury, or unstable containment of wastes.
- The NPDES permit cited in Part 4 of the SI form is for the Ontario Tunnel. The Richardson Flat site is not permitted for discharge.

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- The Silver Creek drainage just below the tailings dam is an important wetlands resource. The SI form, Part 5, should be updated to reflect this.
- The demographics section of Part 5 should be updated to reflect the recent construction at Prospector Square.
- While annually there is negative net precipitation at the site, there is positive net precipitation during the winter months.

If you have any questions regarding these comments, please call John Trepanowski of my staff at (801) 538-6170.

Respectfully yours,

  
Loretta Pickerell  
Superfund Program Manager

LP/JT/pw